

## **OPTIMIZING STORAGE CAPACITY UTILIZATION BASED UPON DATA STORAGE COSTS**

### **ABSTRACT OF THE DISCLOSURE**

Techniques for optimizing capacity utilization among multiple storage units based upon costs associated with storing data on the storage units. Embodiments of the present invention automatically determine when data movement is needed to optimization storage utilization for a group of storage units. According to an embodiment of the present invention, in order to optimize storage utilization and storage cost, files are moved from a source storage unit to a target storage unit that has a lower data storage cost associated with it than the source storage unit. The storage units may be assigned to one or more servers.

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